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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/803,026 | 03/12/2001 | Yasuhiro Ishibashi | 04329.2525 | 7344 |

22852 7590 04/25/2005

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EXAMINER

TRUONG, THANHNGA B

| | |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
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2135

DATE MAILED: 04/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|---------------------------------------|--|--|
| Office Action Summary | Application No. 09/803,026 | Applicant(s) ISHIBASHI, YASUHIRO | |
| | Examiner Thanhnga B. Truong | Art Unit 2135 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 11/02/2004 (Amendment).
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 March 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

1. Claims 1-12 are pending. Claims 1, 7-8, 10-12 are amended by applicant.

Response to Arguments

2. Applicant's arguments filed November 02, 2004 have been fully considered but they are not persuasive.

Applicant argues that:

"Riggins fails to teach at least means for acquiring first revocation list information recorded on a recording medium of a first media type detachably connected to the electronic apparatus"

Examiner totally disagrees with applicant's remark, since Riggins does teach certificate revocation list may be stored in the database of users 310 as shown in Figure 3, wherein the database could be an external storage device. However, upon further consideration, a new ground(s) of rejection is made herein.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Riggins (US 6,233, 341), and further in view of Kubo (US 6,631,427 B2).

- a. *Referring to claim 1:*

- i. Riggins teaches:

(1) means for acquiring first revocation list information recorded on a recording medium of a first media type detachably connected to the electronic apparatus [i.e., referring to Figure 3, a web site 130 that was contacted by a client 125 using a temporary certificate 400 asks the web server engine 303 to download the certificate revocation list 335 (column 11, lines 14-16)]; and

(2) means for recording the first revocation list information on a recording medium of a second media type the recorded first revocation list information being used in authentication between said electronic apparatus and said recording medium of the second media type [i.e., the security information, including identification and authentication information, distinguished name and usage log for each privileged user, is contained in the database of users 310. For the third alternative, the traditional certificate, which is certificate revocation list, and private key may also be stored in the database of users 310 (column 8, line 65 through column 9, line 2)].

ii. Though Riggins does disclose certificate revocation list may be stored in the database of users 310 as shown in Figure 3, wherein the database could be an external storage device, Kubo, on the other hand, teaches:

(1) The data recording apparatus mainly uses a detachable card-shaped device such as hard disk, FLASH memory, SRAM, DRAM, or the like for recording or reading the image data (column 2, lines 27-29).

iii. It would have been obvious to a person having ordinary skill in the art at the time the invention was made to:

(1) have applied the teaching of Kubo into Riggins so as to assure the reliability (column 3, line 20 of Kubo).

v. The ordinary skilled person would have been motivated to:

(1) have applied the teaching of Kubo into Riggins so as to assure the reliability because if the data cannot be read, the information recorded on the recording medium cannot be read out. Furthermore, the recording system in this instance is well known. (column 3, lines 17-22 of Kubo).

b. Referring to claims 2-3, and 8-9:

i. These claims have limitations that is similar to those of claim 1 (2), thus they are rejected with the same rationale applied against claim 1 (2) above.

c. Referring to claim 4:

i. Riggins further teaches:

(1) means for performing authentication between said electronic apparatus and said recording medium of the second media type by using a device key of said electronic apparatus and second revocation list information recorded on said recording medium of the second media type; means for generating a media-unique key unique to said recording medium of the second media type on the basis of the result of the authentication; and means for encrypting the acquired first revocation list information by using the generated media-unique key, wherein said recording means records the encrypted first revocation list information on said recording medium of the second media type [i.e., when a web client connects to a web server, the web client and web server identify and authenticate each other and negotiate a secure communications channel. For identification, both parties exchange public key certificates. Accordingly, each party uses the public key of the certificate authority to verify the signature of the other party's certificate. As stated above, the public key certificate binds a public key to a subject name (i.e., distinguished name) such as the client's name or server's name. The parties recognize each other by the subject name included in the certificate. To authenticate this identity, each party proves to the other that they possess the private key associated with the public key included in the certificate. One method of authenticating, employed by Secure Sockets Layer (SSL) technology, includes the steps of choosing a random number and encrypting it using the other party's public key. The encrypted number is sent to the other party who decrypts it and returns the decrypted value, thereby proving that they possess the private key (column 2, lines 35-53)].

d. Referring to claims 5-6, 10, 11-12:

i. These claims have limitations that is similar to those of claim 4, thus they are rejected with the same rationale applied against claim 4 above.

e. Referring to claim 7:

i. This claim has limitations that is similar to those of claim 1, thus it is rejected with the same rationale applied against claim 1 above.

Conclusion

Art Unit: 2135

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanhnga (Tanya) Truong whose telephone number is 571-272-3858.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on 571-272-3859. The fax and phone numbers for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2100.

TBT

April 16, 2005


KIM VU
SENIOR PATENT EXAMINER
BIOLOGY CENTER 2100